

Mr. Matt Mabrey  
Rogers Group - Greene County Asphalt  
R.R. #4, P.O. Box 545  
Bloomfield, IN 47424

Re: 055-12037  
Second Administrative Amendment to  
FESOP 055-7414-03293

Dear Mr. Mabrey:

Rogers Group - Greene County Asphalt was issued a permit on September 8, 1997 for a portable batch mix asphalt plant. A letter requesting to amend several conditions was received on March 15, 2000. Pursuant to the provisions of 326 IAC 2-8-10(a)(4) and 326 IAC 2-8-10(a)(11) the permit is hereby administratively amended as follows:

The Permittee is requesting to change the name of the source from Cornerstone Paving, Inc. to Rogers Group - Greene County Asphalt. So the main page on the permit shall be amended as follows(changes in bold):

~~Cornerstone Paving, Inc.~~ **Rogers Group - Greene County Asphalt**  
County Road 475 West  
Switz City, IN 47465

The Permittee currently operates a jet pulse baghouse identified as S-1 for the asphalt dryer and mixer and they are going to replace it with a new jet pulse baghouse. The capacities of the dryer and mixer are not going to change and there will be minor changes to the current monitoring conditions. So conditions A.2(b), D.1.9 and section D.1 shall be amended as follows(changes in bold):

A.2 Emission Units and Pollution Control Summary

This portable source consists of the following emission units and pollution control devices:

- (b) one (1) **new** jet pulse baghouse for asphalt dryer and mixer, exhausting at one (1) stack (ID No. SV1);

**SECTION D.1 FACILITY OPERATION CONDITIONS**

- |  |
|--|
| (b) one (1) <b>new</b> jet pulse baghouse for asphalt dryer and mixer, exhausting at one (1) stack (ID No. SV1); |
|--|

D.1.9 Pressure Drop Readings

- (a) The Permittee shall take pressure drop readings across the baghouse controlling the mixing and drying operation, at least once a day when the mixing and drying process is in operation. Unless operated under conditions for which the Preventive Maintenance

Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of ~~4~~ 3 and 6 inches of water. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when the pressure reading or flow rate is outside of the above mentioned range for any one reading. The instrument used for determining the pressure shall comply with condition C.13 - Pressure Gauge Specifications, be subject to approval by IDEM, OAM, and shall be calibrated at least once every six (6) months.

- (b) The inlet temperature to the baghouse shall be maintained within a range of 200-400 degrees Fahrenheit (°F) to prevent overheating of the bags and to prevent low temperatures from mudding up the bags. The thermocouple at the inlet has a temperature switch which automatically shuts the burner off if the high end range is exceeded. In the event that bag failure has occurred due to rupture, melting, etc., corrective action shall be taken. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when the inlet temperature reading is outside of the above mentioned range for any one reading. The baghouse shall shutdown for visual inspection within 24 hours and bags shall be replaced as needed.**

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Shantanu Pahi, at (800) 451-6027, press 0 and ask for Shantanu Pahi or extension 3-0868, or dial (317) 233-0868.

Sincerely,

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Management

Attachments: Amended FESOP Pages( 5 Pages.)

spahi

cc: File - Greene County  
U.S. EPA, Region V  
Greene County Health Department  
Air Compliance Section Inspector - Marc Goldman  
Compliance Data Section - Karen Nowak  
Administrative and Development - Janet Mobley  
Technical Support and Modeling - Michele Boner

# **FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) OFFICE OF AIR MANAGEMENT**

**Rogers Group - Greene County Asphalt  
County Road 475 West  
Switz City, Indiana 47465**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the facilities listed in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR 70 and contains the conditions and provisions specified in 326 IAC 2-8 and 40 CFR 70.6 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments) and IC 13-15 and IC 13-17 (prior to July 1, 1996, IC 13-1-1-4 and IC 13-7-10).

Operation Permit No.: F055-7414-03293	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: September 8, 1997
First Administrative Amendment 055-11843-03293	Pages Amended: 4, 22
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: April 5, 2000
Second Administrative Amendment 055-12037	Pages Amended: 4, 22, 23, 24 and 25
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

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## SECTION A SOURCE SUMMARY

### A.1 General Information

The Permittee owns and operates a portable batch mix hot asphalt plant.

Responsible Official: Jack Goss  
Initial Source Address: County Road 475 West, Switz City, Indiana 47465  
Mailing Address: R. R. #4 Box 545, Bloomfield, Indiana 47424  
SIC Code: 2951  
Initial County Location: Greene County  
Initial County Status: Attainment for all criteria pollutants  
Source Status: Minor Source, FESOP Program  
Minor Source, PSD and Emission Offset

### A.2 Emission Units and Pollution Control Summary

This portable source consists of the following emission units and pollution control devices:

- (a) one (1) rotary aggregate dryer and one (1) Pugmill asphalt mixer, capable of processing 240 tons per hour of raw material, equipped with one (1) 63.9 million British thermal units per hour No. 2 distillate oil fired burner using natural gas as backup fuel;
- (b) one (1) new jet pulse baghouse for asphalt dryer and mixer, exhausting at one (1) stack (ID No. SV1);
- (c) one (1) raw material conveyor;
- (d) one (1) 60" x 16' vibrating 3-deck screen; and
- (e) one (1) 15,000 gallon No.2 distillate oil tank.

### A.3 Insignificant Activities

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(20):

- (a) one (1) No. 2 distillate oil fired hot oil heater, rated at 1.0 million British thermal units per hour, exhausting at one (1) stack (ID No. SV2);
- (b) one (1) 8' x 40' bucket elevator;
- (c) two (2) 8,000 gallon liquid asphalt storage tanks;
- (d) one (1) 500 gallon diesel oil tank;
- (e) unpaved roads with public access;
- (f) six (6) cold feed bins, each with two (2) compartments, and their associated feeders;
- (g) one (1) portable hot asphalt tower, with four (4) compartments; and
- (h) four (4) aggregate storage piles with a maximum total storage capacity of 10,000 tons.

### A.4 FESOP Applicability [326 IAC 2-8-2]

This portable source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM) for a Federally Enforceable State Operating Permit (FESOP).

### A.5 Prior Permit Conditions Superseded [326 IAC 2]

This permit supersedes the conditions of all construction and operating permits issued under 326 IAC 2 prior to the effective date of this permit.

## **SECTION B GENERAL CONDITIONS**

- B.1 General Requirements [IC 13-15] [IC 13-17] (Prior to July 1, 1996: IC 13-7 and IC 13-1-1)  
The Permittee shall comply with the provisions of IC 13-15 (Permits Generally), IC 13-17 (Air Pollution Control) and the rules promulgated thereunder.
- B.2 Definitions [326 IAC 2-8-1]  
Terms in this permit shall have the meaning assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, any applicable definitions found in IC 13-11 (prior to July 1, 1996, IC 13-7-2, IC 13-1-1-2), 326 IAC 1-2, and 326 IAC 2-7 shall prevail.
- B.3 Permit Term [326 IAC 2-8-4(2)]  
This permit is issued for a fixed term of five (5) years from the effective date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-5-5-3 (prior to July 1, 1996, IC 13-7-10-2.5), of the permit.
- B.4 Enforceability [326 IAC 2-8-6]  
(a) All terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM.  
  
(b) Unless otherwise stated, terms and conditions of this permit, including any provisions to limit the source's potential to emit, are enforceable by the United States Environmental Protection Agency (U.S. EPA) and citizens under the Clean Air Act.
- B.5 Termination of Right to Operate [326 IAC 2-8-9]  
The expiration of this permit terminates the Permittee's right to operate unless a timely and complete renewal application has been submitted consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-7.
- B.6 Severability [326 IAC 2-8-4(4)]  
(a) The provisions of this permit are severable, and if any provisions of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.  
  
(b) Indiana rules from 326 IAC quoted in conditions in this permit are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.
- B.7 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]  
This permit does not convey any property rights of any sort or any exclusive privilege.
- B.8 Duty to Supplement and Provide Information [326 IAC 2-8-3(f)] [326 IAC 2-8-4(5)(E)]  
(a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:  
  
Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015  
  
(b) The Permittee shall furnish to IDEM, OAM, within a reasonable time, any information

that IDEM, OAM may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.

- (c) Upon written request, the Permittee shall also furnish to IDEM, OAM, copies of records required to be kept by this permit. For information claimed to be confidential, the Permittee shall furnish such records directly to both U.S. EPA and IDEM, OAM, along with a claim of confidentiality.

Such confidentiality claims shall meet the requirements of 40 CFR 2, Subpart B (when submitting to U.S. EPA) and 326 IAC 17 (when submitting to IDEM, OAM).

**B.9 Compliance Order Issuance [326 IAC 2-8-5(b)]**

IDEM, OAM may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

**B.10 Compliance with Permit Conditions [326 IAC 2-8-4(5)(A)] [326 IAC 2-8-4(5)(B)]**

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for:

- (1) Enforcement action;
- (2) Permit termination, revocation and reissuance, or modification; and
- (3) Denial of a permit renewal application.

- (b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

**B.11 Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)]**

Any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification and any other certification required under this permit shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

A responsible official is defined at 326 IAC 2-7-1(33).

**B.12 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]**

- (a) The Permittee shall annually certify that the source has complied with the terms and conditions contained in this permit, including emission limitations, standards, and work practices. The certification shall be submitted April 15 (when the portable source is located in any of the counties listed in 326 IAC 2-6-1(a), i.e. Clark, Elkhart, Floyd, Lake, Marion, Porter, St. Joseph and Vanderburgh Counties) or July 1 (when the portable source is not located in any of the counties listed in 326 IAC 2-6-1(a)) to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

- (b) This annual compliance certification report required by this permit shall be timely if:



- (1) Delivered by U.S. mail and postmarked on or before the date it is due; or
- (2) Delivered by any other method if it is received and stamped by IDEM, OAM, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
  - (1) The identification of each term and condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The methods used for determining the compliance status of the source, currently and over the reporting period.

B.13 Preventive Maintenance Plan [326 IAC 2-8-5(a)(1)] [326 IAC 2-8-4(9)] [326 IAC 1-6-3]

- (a) The Permittee shall prepare, maintain and implement Preventive Maintenance Plans as necessary including the following information on each:
  - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;
  - (3) Corrective actions that will be implemented in the event an inspection indicates an out of specification situation;
  - (4) A time schedule for taking such corrective actions including a schedule for devising additional corrective actions for situations that may not have been predicted; and
  - (5) Identification and quantification of the replacement parts which will be maintained in inventory for quick replacement.
- (b) Preventive Maintenance Plans shall be submitted to IDEM, OAM, upon request and shall be subject to review and approval by IDEM, OAM.

B.14 Emergency Provision [326 IAC 2-8-12]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided as follows:
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describes the following:
  - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements of this permit;
- (4) For each emergency lasting longer than one (1) hour, the Permittee notified IDEM, OAM, within four (4) daytime business hours after the beginning of the emergency occurrence by telephone or facsimile;

Telephone No.: 1-800-451-6027 (ask for Office of Air Management, Compliance Section) or,  
Telephone No.: 317-233-5674 (ask for Compliance Section)  
Facsimile No.: 317-233-5967

- (5) For each emergency lasting longer than one (1) hour, the Permittee submitted written notice or facsimile of the emergency to:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency. The notice shall fulfill the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

- (6) The Permittee immediately took all reasonable steps to correct the emergency.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(C)(33).

- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes any emergency or upset provision contained in 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAM, may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAM, by telephone or facsimile within four (4) daytime business hours after the beginning of the emergency shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:

- (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
- (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
  - (A) the Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
  - (B) continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in clause (B) above.

- B.15 Deviations from Permit Requirements and/or Conditions [326 IAC 2-8-4(3)(C)(ii)]  
Deviations from requirements, (for emergencies see Section B - Emergency Provision) the probable cause of such deviations, and any corrective actions or preventive measures taken shall be reported to:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation.

Written notification shall be submitted on the attached Deviation Occurrence Reporting Form(s) or their substantial equivalent.

- B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination  
[326 IAC 2-8-4(5)(C)] [326 IAC 2-8-7(a)] [326 IAC 2-8-8(a)] [326 IAC 2-8-8(b)] [326 IAC 2-8-8(c)]
- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)]
  - (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 (prior to July 1, 1996, in IC 13-7-10-5) or if the Commissioner determines any of the following:

- (1) That it contains a material mistake.
- (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
- (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAM, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practical. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAM, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAM, may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.17 Permit Renewal [326 IAC 2-8-3(h)]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAM, and shall include, at minimum, the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(20).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, IN 46206-6015

- (b) Timely Submittal of Permit Renewal [326 IAC 2-8-3]
  - (1) The Permittee has a duty to submit a timely and complete permit renewal application. A timely renewal application is one that is:
    - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
    - (B) Delivered by U.S. mail and postmarked on or before the date it is due; or
    - (C) Delivered by any other method if it is received and stamped by IDEM, OAM, on or before the date it is due.
  - (2) If IDEM, OAM fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.

- (c) **Right to Operate After Application for Renewal** [326 IAC 2-8-9]  
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAM takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAM, any additional information identified as needed to process the application.

**B.18 Administrative Permit Amendment** [326 IAC 2-8-10]

- (a) An administrative permit amendment is a FESOP revision that makes changes of the type specified under 326 IAC 2-8-10(a).
- (b) An administrative permit amendment may be made by IDEM, OAM, consistent with the procedures specified under 326 IAC 2-8-10(b).
- (c) The Permittee may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

**B.19 Minor Permit Modification** [326 IAC 2-8-11(a)] [326 IAC 2-8-11(b)(1) and (2)]

- (a) A permit modification is any revision to this permit that cannot be accomplished as an administrative permit amendment under 326 IAC 2-8-10.
- (b) Minor permit modification procedures shall follow the procedures specified under 326 IAC 2-8-11(b)(1)(A) through (F).
- (c) An application requesting the use of minor modification procedures shall meet the requirements of 326 IAC 2-8-3(c) and shall include the information required in 326 IAC 2-8-11(b)(3)(A) through (D).
- (d) The Permittee may make the change proposed in its minor permit modification application immediately after it files such application unless the change is subject to the construction permit requirements of 326 IAC 2-1, 326 IAC 2-2, or 326 IAC 2-3. After the Permittee makes the change allowed under minor permit modification procedures, and until IDEM, OAM takes any of the actions specified in 326 IAC 2-8-11(b)(5), the Permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this period, the Permittee need not comply with the existing permit terms and conditions it seeks to modify. If the Permittee fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against it. [326 IAC 2-8-11(b)(6)]

**B.20 Significant Permit Modification** [326 IAC 2-8-11(d)]

- (a) Significant modification procedures shall be used for applications requesting permit modifications that do not qualify as minor permit modifications or as administrative amendments.
- (b) Any significant change in existing monitoring permit terms or conditions and every relaxation of reporting or record keeping permit terms or conditions of this permit shall be considered significant.
- (c) Nothing in 326 IAC 2-8-11(d) shall be construed to preclude the Permittee from making changes consistent with 326 IAC 2-8 that would render existing permit compliance terms and conditions irrelevant.

- (d) Significant modifications of this permit shall meet all requirements of 326 IAC 2-8, including those for application, public participation, and review by U.S. EPA, as they apply to permit issuance and renewal.

B.21 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-8-11(b)(2)]  
Notwithstanding 326 IAC 2-8-11(b)(1)(D)(i) and 326 IAC 2-8-11(c)(1), minor permit modification procedures may be used for modifications of this permit involving the use of economic incentives, marketable FESOP's, emissions trading, and other similar approaches to the extent that such minor permit modification procedures are explicitly provided for in the applicable implementation plan (SIP) or in applicable requirements promulgated by U.S. EPA.

B.22 Operational Flexibility [326 IAC 2-8-15]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) through (d), without prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed therein as a rate of emissions or in terms of total emissions);
- (3) The Permittee notifies the:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (4) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-8-15(b) through (d) and makes such records available, upon reasonable request, to public review. Such records shall consist of all information required to be submitted to IDEM, OAM, in the notices specified in 326 IAC 2-8-15(b)(1), (c)(1), and (d).
- (b) For each such change, the required written notification shall include the following:
    - (1) A brief description of the change within the source;
    - (2) The date on which the change will occur;

- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(C)(33).

- (c) Emission Trades [326 IAC 2-8-15(c)]  
The Permittee may trade increases and decreases in emissions in the source, where the applicable State Implementation Plan (SIP) provides for such emission trades without requiring a permit revision, subject to the constraints in Section (a) of this condition and those in 326 IAC 2-8-15(c).
- (d) Alternative Operating Scenarios [326 IAC 2-8-15(d)]  
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7) and subject to the constraints in Section (a) of this condition and those in 326 IAC 2-8-15(d).

B.23 Construction Permit Requirement [326 IAC 2-1]  
Modification, construction, or reconstruction shall be permitted as required by and in accordance with 326 IAC 2.

B.24 Inspection and Entry [326 IAC 2-8-5(a)(2)]  
Upon presentation of IDEM identification cards, credentials, and other documents as may be required by law, the Permittee shall allow IDEM, OAM, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a FESOP source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of demonstrating compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of demonstrating compliance with this permit or applicable requirements.  
[326 IAC 2-8-5(a)(4)]

B.25 Annual Fee Payment [326 IAC 2-8-4(6)] [326 IAC 2-8-16]  
(a) The Permittee shall pay annual fees to IDEM, OAM, consistent with the fee schedule established in 326 IAC 2-8-16.

- (b) Failure to pay may result in administrative enforcement action, revocation of this permit, referral to the Office of Attorney General for collection, or other appropriate measures.

- (c) The Permittee shall pay the annual fee within thirty (30) calendar days of receipt of a billing by IDEM, OAM or in a time period that is consistent with the payment schedule issued by IDEM, OAM.
- (d) If the Permittee does not receive a bill from IDEM, OAM, thirty (30) calendar days before due date, the Permittee shall call the following telephone numbers: 1-800-451-6027 or 317-233-0178 (ask for OAM, Data Support Section), to determine the appropriate permit fee. The applicable fee is due April 1 of each year.



## SECTION C SOURCE OPERATION CONDITIONS

Entire Source
---------------

### Emissions Limitations [326 IAC 2-8-4(1)]

#### C.1 Overall Source Limit [326 IAC 2-8]

Pursuant to 326 IAC 2-8, emissions of any regulated pollutant from the entire source shall not exceed ninety-nine (99) tons per three hundred sixty five (365) day period. Emissions of hazardous air pollutants (HAP) from the entire source shall not exceed nine (9) tons per three hundred sixty five (365) day period of any individual HAP or twenty-four (24) tons per three hundred sixty five (365) day period of any combination of HAPs. Emissions shall include those from all emission points at the source including those that are insignificant as defined in 326 IAC 2-7-1(20). The source shall be allowed to add insignificant activities not already listed in this permit, as long as the total emissions from the source do not exceed the above specified limits. Limits in Section D will be enforced independently.

#### C.2 Opacity

Pursuant to 326 IAC 5-1-2 (Visible Emissions Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), visible emissions shall meet the following, unless otherwise stated in this permit:

- (a) visible emissions shall not exceed an average of twenty percent (20%) opacity in twenty-four (24) consecutive readings.
- (b) visible emissions shall not exceed sixty percent (60%) opacity for more than a cumulative total of fifteen (15) minutes in a six hour period.

#### C.3 Open Burning

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6.

#### C.4 Fugitive Dust Emissions

The Permittee shall be in violation of 326 IAC 6-4 if any of the criteria specified in 326 IAC 6-4-2 (1) through (4) are violated.

#### C.5 Fugitive Particulate Matter Emission Limitations

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the plan submitted on December 10, 1997. The plan includes watering the following fugitive emission activities on an as needed basis:

- (a) Vehicular traffic on unpaved roads, paved roads and parking lots;
- (b) Aggregate stockpile operations; and
- (c) Outdoor aggregate conveying and handling.

- C.6 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18-1]  
Prior to the commencement of any demolition or renovation activities, the Permittee shall use an Indiana accredited asbestos inspector to inspect thoroughly the affected facility or part of the facility where the demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II nonfriable asbestos-containing material.
- C.7 Stratospheric Ozone Depleting Substance Regulations [326 IAC 22-1] [40 CFR 82]  
The Permittee shall comply with the provisions of 40 CFR 82 on the protection of stratospheric ozone.
- C.8 Operation of Equipment [326 IAC 2-85(a)(4)]
- (a) All equipment that potentially might emit pollutants into the ambient air shall be properly operated to meet the requirements of this permit and maintained according to the Preventive Maintenance Plan.
  - (b) Unless otherwise stated in this permit, all air pollution control equipment listed in this permit shall be operated at all times that the emission unit(s) vented to the control equipment is in operation.
  - (c) The Permittee shall perform all necessary maintenance according to the Preventive Maintenance Plan and make all necessary attempts to keep all air pollution control equipment in proper operating condition at all times such that the requirements of this permit are met.

**Testing [326 IAC 2-8-4(3)]**

- C.9 Performance Testing  
Compliance testing shall be conducted on the baghouse for the hot asphalt dryer and mixer within 36 months to 42 months of issuing FESOP, the Permittee shall perform the tests specified in this permit to demonstrate compliance with the applicable rule or permit condition. All testing shall be performed according to the provisions of 326 IAC 3-2.1 (Source Sampling Procedures) and by methods in the approved test protocol. The test protocol shall be submitted to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

at least thirty-five (35) days before the intended test date.[326 IAC 3-2.1-2(a)]

**Compliance Monitoring [326 IAC 2-8-5(a)(1)]**

- C.10 Compliance Monitoring [326 IAC 2-8-4(3)]  
Compliance with applicable requirements shall be documented in accordance with the provisions of 326 IAC 2-8-4(3). The Permittee shall be responsible for installing any necessary equipment and initiating any additional monitoring no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee shall notify:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

in writing, with full justification of the reasons for inability to meet this date and a schedule which it expects to meet. If a denial of the request is not received before the monitoring is fully implemented, the schedule shall be deemed approved.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(C)(33).

C.11 Maintenance of Monitoring Equipment [326 IAC 2-8-4(3)(a)(iii)]

The Permittee shall perform all necessary maintenance and make all necessary attempts to keep all required monitoring equipment in proper operating condition at all times. In the event that a breakdown of the monitoring equipment occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem.

The Permittee shall install, calibrate, quality assure, maintain, and operate all necessary monitors and related equipment. Preventive Maintenance Plans of the monitors shall be implemented. In addition prompt correction, as indicated, shall be initiated within the time frames specified, whenever the parameters monitored fall outside of the indicated values.

C.12 Monitoring Methods [326 IAC 3]

Any monitoring or testing performed to meet the requirements of this permit shall be performed, whenever applicable according to the provisions of 326 IAC 3, or 40 CFR 60, Appendix A, as appropriate, unless some other method is specified in this permit.

C.13 Pressure Gauge Specifications

Whenever a condition in this permit requires the taking of pressure drop across any part of the unit or its control device the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ( $\pm 2\%$ ) of full scale reading.

C.14 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18-1] [40 CFR 61.140]

(a) Notification Requirements

- (1) The Permittee shall provide IDEM, OAM and U.S. EPA a written notice of intention to demolish or renovate and update such notice as necessary, including, but not limited to, the following:
  - (A) when the amount of affected asbestos-containing material increases or decreases by at least twenty percent (20%); or
  - (B) if there is a change in the following:
    - (i) asbestos removal or demolition start date;
    - (ii) removal or demolition contractor; or
  - (C) waste disposal site.
- (2) The Permittee shall postmark or deliver the notice according to the guidelines set forth in 326 IAC 14-10-3(2) and 40 CFR 61.145(b)(3).
- (3) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3) and 40 CFR 61.145(b)(4).

All required information shall be submitted to:

Indiana Department of Environmental Management  
Asbestos Section, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46204-6015

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

- (b) Procedures for Asbestos Emission Control  
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c).

**Corrective Actions [326 IAC 2-8-4(1)] [326 IAC 2-8-5(1)]**

**C.15 Failure to Take Corrective Action**

For each unit for which parametric monitoring is required, appropriate corrective actions as described in the Preventive Maintenance Plan shall be taken when indicated by monitoring information. Failure to take corrective action following an excursion of a surrogate monitoring parameter within the indicated time will constitute a violation of the permit unless taking the corrective action set forth in the Plan would be unreasonable.

After investigating the reason for the excursion, the Permittee may be excused from taking further corrective action for any of the following reasons:

- (a) Providing that prompt action was taken to correct the monitoring equipment, that the monitoring equipment malfunctioned, giving a false reading; or
- (b) The Permittee has determined that the parameters established in the permit conditions are technically inappropriate and either:
  - (1) the Permittee has submitted a request for a permit revision, and the request has not been denied; or
  - (2) the Permittee submits a request for a permit revision promptly after determining that the parameters are technically inappropriate.
- (c) An automatic measurement was taken when the process was not operating; or
- (d) The Permittee determines that the process has already returned to operating within "normal" parameters and no corrective action is required.

Records shall be kept of all instances in which the action values were not met and of all corrective actions taken. In the event of an emergency, the provisions of 326 IAC 2-8-12 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

**C.16 Actions Related to Noncompliance Demonstrated by a Stack Test**

Whenever the results of the stack test performed in conformance with Section C - Performance

Testing, of this permit exceed the level specified in any condition of this permit, appropriate corrective actions shall be submitted to IDEM, OAM within thirty (30) days of receipt of the test results. These actions shall be implemented immediately unless notified by OAM that they are not acceptable. The Permittee shall minimize emissions while the corrective actions are being implemented.

A second test to demonstrate compliance shall be performed within one hundred twenty (120) days. Failure of the second test to demonstrate compliance may be grounds for immediate revocation of the permit to operate the affected facility.

#### **Record Keeping and Reporting [326 IAC 2-8-4(3)]**

##### **C.17 Emission Reporting [326 IAC 2-6]**

- (a) The Permittee shall submit a certified, annual emission statement that meets the requirements of 326 IAC 2-6 (Emission Reporting). This annual statement must be received by April 15 of each year, when the portable source is located in any of the county listed in 326 IAC 2-6-1(a), i.e. Clark, Elkhart, Floyd, Marion, St. Joseph and Vanderburgh Counties, and must comply with the minimum requirements specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8)(Emission Statement Operating Year). The annual statement must be submitted to:

Indiana Department of Environmental Management  
Data Support Section, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

- (b) This annual emission statement required by this permit shall be timely if:
- (1) Delivered by U.S. mail and postmarked on or before the date it is due; or
  - (2) Delivered by any other method if it is received and stamped by IDEM, OAM, on or before the date it is due.

##### **C.18 Monitoring Data Availability**

All observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions. Records shall be kept of the times that the equipment is not operating. If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality. If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded. At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter. Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason.

C.19 General Record Keeping Requirements

- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location and available within one hour upon verbal request of an IDEM, OAM representative, for a minimum of three (3) years. They may be stored elsewhere for the remaining two (2) years providing they are made available within thirty (30) days after written request.
- (b) Records of required monitoring information shall include:
  - (1) The date, place, and time of sampling or measurements;
  - (2) The dates analyses were performed;
  - (3) The company or entity performing the analyses;
  - (4) The analytic techniques or methods used;
  - (5) The results of such analyses; and
  - (6) The operating conditions existing at the time of sampling or measurement.
- (c) Support information shall include:
  - (1) Copies of all reports required by this permit;
  - (2) All original strip chart recordings for continuous monitoring instrumentation;
  - (3) All calibration and maintenance records;
  - (4) All preventive maintenance and corrective actions that were implemented. Such records shall briefly describe what was done and indicate who did it;
  - (5) Relevant work purchases orders;
  - (6) Quality assurance and quality control procedures;
  - (7) Operator's standard operating procedures;
  - (8) Manufacturer's specifications or their equivalent; and
  - (9) Equipment "troubleshooting" guidance.
- (d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.20 General Reporting Requirements

- (a) Reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

- (b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be timely if:
  - (1) Delivered by U.S. mail and postmarked on or before the date it is due; or
  - (2) Delivered by any other method if it is received and stamped by IDEM, OAM, on or before the date it is due.
- (c) Unless otherwise specified in this permit any semi-annual report shall be submitted within thirty (30) days of the end of the six (6) month reporting period.
- (d) All instances of deviations from any requirements of this permit must be clearly identified in such reports;
- (e) Any corrective actions taken as a result of an exceedance of a limit, an excursion from the parametric values, or a malfunction that may have caused excess emissions must be clearly identified in such reports.
- (f) The first report shall cover the period commencing the date of issuance of this permit and ending the last day of the quarter that the permit is issued.

C.21 Relocation of Portable Sources [326 IAC 2-1-6(b)]

- (a) This permit is approved for operation in all areas of Indiana. This determination is based on the requirements Prevention of Significant Deterioration in 326 IAC 2-2 and Emission Offset requirements in 326 IAC 2-3. A thirty (30) day advance notice of relocation must be given to IDEM, OAM and a "Relocation Site Approval" letter must be obtained before relocating.
- (b) The Permittee shall also notify the applicable local air pollution control agency when relocating to or from one of the following:
  - (1) Madison County - (Anderson Office of Air Management)
  - (2) City of Evansville plus four (4) miles beyond the corporate limits but not outside Vanderburgh County - (Evansville EPA)
  - (3) City of Gary - (Gary Division of Air Pollution)
  - (4) City of Hammond - (Hammond Department of Environmental Management)
  - (5) Marion County - (Indianapolis Air Pollution Control Agency)
  - (6) St. Joseph County - (St. Joseph County Health Department)
  - (7) Vigo County - (Vigo County Air Pollution Department)
- (c) That a valid operation permit consists of this document and any subsequent "Relocation Site Approval" letter specifying the current location of the plant.

## SECTION D.1 FACILITY OPERATION CONDITIONS

- (a) one (1) rotary aggregate dryer and one (1) Pugmill asphalt mixer, capable of processing 240 tons per hour of raw material, equipped with one (1) 63.9 million British thermal units per hour No. 2 distillate oil fired burner using natural gas as backup fuel;
- (b) one (1) new jet pulse baghouse for asphalt dryer and mixer, exhausting at one (1) stack (ID No. SV1);
- (c) one (1) raw material conveyor; and
- (d) one (1) 60" x 16' vibrating 3-deck screen.

### Emissions Limitations and Standards [326 IAC 2-8-4(1)] [326 IAC 6-1-2] [326 IAC 6-3] [326 IAC 12] [40 CFR Part 60.90]

#### D.1.1 Particulate Matter (PM) Emissions

Pursuant to 326 IAC 6-1-2 (Process Operations), 326 IAC 6-3 (Process Operations) and 326 IAC 12 (40 CFR Part 60.90, Subpart I), the particulate matter emissions from the aggregate drying operation shall not exceed 9.3 pounds per hour and 0.03 grain per dry standard cubic foot (gr/dscf). This limitation will also render the requirements of 326 IAC 2-2 (PSD) and 326 IAC 2-3 (Emission Offset) not applicable.

#### D.1.2 Particulate Matter (PM-10) Emissions

Pursuant to 326 IAC 2-8-4, emission of particulate matter with diameter less than 10 microns (PM-10) from the aggregate mixing and drying operation shall not exceed 19.6 pounds per hour, including both filterable and condensable fractions. Compliance with this limit will satisfy 326 IAC 2-8-4. Therefore, the Part 70 rules (326 IAC 2-7) do not apply.

#### D.1.3 Opacity

Pursuant to 326 IAC 12 (40 CFR Part 60.92, Subpart I), the mixing and drying operations shall not discharge or cause the discharge into the atmosphere any gases which exhibit 20 percent (%) opacity or greater.

#### D.1.4 Sulfur Dioxide (SO<sub>2</sub>)

- (a) Pursuant to 326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations), sulfur dioxide emissions from the 63.9 million British thermal units per hour burner for the aggregate dryer shall be limited to 0.5 pounds per million British thermal units heat input or a sulfur content of less than or equal to 0.49 percent when using No. 2 distillate oil.
- (b) Pursuant to 326 IAC 7-1.1-2, this sulfur dioxide limit applies at all times including periods of startup, shutdown, and malfunction.

#### D.1.5 Distillate Fuel Oil and Back-up Fuel Usages

The input of No. 2 distillate fuel oil to the 63.9 million British thermal units per hour burner for the aggregate dryer shall be limited as follows:

- (a) Total input shall not exceed 2.596 million gallons per twelve (12) consecutive months, based on the sulfur content of 0.49% in the No. 2 fuel oil, and the total for each month shall not exceed the difference between the annual usage limit minus the sum of actual usage from the previous eleven (11) months.
- (b) During the first twelve (12) months of operation under this permit, the input of No. 2 distillate fuel oil shall be limited such that the total input divided by the accumulated months of operation shall not exceed 0.216 million gallons per month.
- (c) This fuel usage limitation will satisfy the requirements of 326 IAC 2-8-4. Therefore, the



requirements of 326 IAC 2-7 do not apply. This limitation will also satisfy the requirements of 326 IAC 2-2 and 326 IAC 2-3.

### **Testing Requirements [326 IAC 2-8-4(3)]**

#### **D.1.6 Particulate Matter**

During the period between 36 and 42 months after issuance of this permit, the Permittee shall perform PM and PM-10 testing utilizing methods per 40 CFR Part 60 Appendix A, Method 5, 17, 40 CFR Part 51 Appendix M, Method 201, 201a, 202, as approved by the Commissioner. This test shall be repeated at least once every five years from the date of this valid compliance demonstration. PM-10 includes filterable and condensable PM-10.

#### **D.1.7 Sulfur Dioxide Emissions and Sulfur Content**

The Permittee shall test for:

- (a) Sulfur content of oil burned as fuel by the 63.9 million British thermal units per hour burner for the aggregate dryer, using 40 CFR Part 60, Appendix A, Method 19 for each load of oil delivered; or
- (b) Sulfur dioxide emissions from the 63.9 million British thermal units per hour burner for the aggregate dryer, using 40 CFR Part 60, Appendix A, Method 6 each time a test to comply with Condition D.1.5 is performed.

The oil supplier certificates or tests conducted by the oil supplier may be used to replace the sulfur content tests.

### **Compliance Monitoring Requirements [326 IAC 2-8-5(a)(1)]**

#### **D.1.8 Daily Visible Emission Notations**

Daily visible emission notations of the conveying, transferring, screening, aggregate storage piles, unpaved roads, and the mixing and drying operation stack exhaust, shall be performed during normal daylight operations. A trained employee will record whether emissions are normal or abnormal. For processes operated continuously "normal" means those conditions prevailing, or expected to prevail, 80 percent of the time the process is in operation, not counting startup or shut down time. In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions. A trained employee is an employee who has worked at the plant at least one month and has been trained in the appearance and characteristics of normal visible emissions for that specific process. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when an abnormal emission is observed.

#### **D.1.9 Pressure Drop Readings**

- (a) Permittee shall take pressure drop readings across the baghouse controlling the mixing and drying operation, at least once a day when the mixing and drying process is in operation. Unless operated under conditions for which the Preventive Maintenance Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range of 4 and 6 inches of water. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when the pressure reading or flow rate is outside of the above mentioned range for any one reading. The instrument used for determining the pressure shall comply with condition C.13 - Pressure Gauge Specifications, be subject to approval by IDEM, OAM, and shall be calibrated at least once every six (6) months.
- (b) The inlet temperature to the baghouse shall be maintained within a range of 200-400 degrees Fahrenheit (°F) to prevent overheating of the bags and to prevent low

temperatures from mudding up the bags. The thermocouple at the inlet has a temperature switch which automatically shuts the burner off if the high end range is exceeded. In the event that bag failure has occurred due to rupture, melting, etc., corrective action shall be taken. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when the inlet temperature reading is outside of the above mentioned range for any one reading. The baghouse shall shutdown for visual inspection within 24 hours and bags shall be replaced as needed.

**D.1.10 Preventive Maintenance [326 IAC 2-8-4(9)]**

A Preventive Maintenance Plan, in accordance with Condition B.13 of this permit, is required for this source.

**D.1.11 Preventive Inspections**

The following inspections shall be performed when the dryer is operating in accordance with the Preventive Maintenance Plan prepared pursuant to Condition B.13:

Daily:

- (a) Baghouse inlet temperature and air flow rate;
- (b) Adequate dust removal from hoppers;
- (c) Compressed air supply;
- (d) Proper isolation damper operation; and
- (e) Monitoring of bag cleaning cycle.

Weekly:

- (a) Bag cleaning mechanisms;
- (b) Compressed air system;
- (c) Exhaust fan drive belt tension; and
- (d) Condition of the ductwork.

Monthly:

- (a) Internal inspection for air leaks;
- (b) Bag condition; and
- (c) Fan condition and operation.

**D.1.12 Bag Failure Detection**

In the event that bag failure has been observed:

- (a) The asphalt mixing and aggregate drying operation will be shut down immediately until the units have been repaired.
- (b) Based upon the findings of the inspection, any additional corrective actions will be devised within eight (8) hours of discovery and will include a timetable for completion.

**D.1.13 Fuel Oil Sampling and Analysis**

Oil samples shall be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted. The Permittee shall analyze the oil sample to determine the sulfur content of the oil in accordance with 326 IAC 3-3-4. If a partially empty fuel tank is refilled, a new sample and analysis is required upon filling. Vendor analysis of the fuel oil is acceptable, in lieu of the above, if accompanied by a certification.

**Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]**

**D.1.14 Operational Parameters**

The Permittee shall maintain a daily record for the baghouse controlling particulate matter

emissions from asphalt mixing and aggregate drying operations of the following values:

- (a) Inlet and outlet differential static pressure;
- (b) Visible observations;
- (d) Checklist with dates and initials for each preventive action performed; and
- (e) Records of corrective actions.

**D.1.15 Distillate Fuel Oil Usages**

- (a) Complete and sufficient records shall be kept to establish compliance with the No.2 fuel oil usage limit, as well as the sulfur dioxide emission limit established in this permit, and contain a minimum of the following:
  - (1) Calendar dates covered in the compliance determination period;
  - (2) Monthly usage of No. 2 distillate oil;
  - (3) A certification, signed by the owner or operator, that the records of the fuel oil supplier certifications represent all of the fuel combusted during the period; and
  - (4) Fuel oil supplier certifications.
- (b) The fuel oil supplier certification shall contain, as a minimum, the following:
  - (1) The name of the oil supplier; and
  - (2) A statement from the oil supplier that certifies the sulfur content and heat content of the fuel oil.

**D.1.16 Quarterly Reporting**

A quarterly summary to document compliance with operation condition numbers D.1.4 and D.1.5 shall be submitted, to the address listed in Section C.20 - General Reporting Requirements, using the enclosed forms or their equivalent, within thirty (30) days after the end of the quarter being reported.

## SECTION D.2 FACILITY OPERATION CONDITIONS

(e) one (1) 15,000 gallon No.2 disllate oil tank.
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### Emissions Limitations and Standards [326 IAC 2-8-4(1)] [40 CFR Part 60.11b]

#### D.2.1 Volatile Organic Compounds (VOC)

Pursuant to 40 CFR Part 60.11b, Subpart Kb (Standards of Performance for Volatile Organic Liquid Storage Vessels), the one (1) 15,000 gallon No.2 disllate oil tank storing No. 2 disllate oil with a vapor pressure of less than 15.0 kPa, is subject to the record keeping requirements of 40 CFR Part 60.116b, paragraphs (a) and (b).

### Record Keeping Requirements [326 IAC 2-8-4(3)] [40 CFR Part 60.11b]

#### D.2.2 Storage Vessel

The Permittee shall maintain records at the facility showing:

- (a) the dimension of the storage vessel;
- (b) an analysis showing the capacity of the storage vessel; and
- (c) the true vapor pressure of the VOL stored, indicating that the maximum true vapor pressure of VOL is less than 15.0 kPa.

State Form 47738 (5-96)

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR MANAGEMENT  
COMPLIANCE DATA SECTION**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
CERTIFICATION**

Source Name: Rogers Group - Greene County Asphalt  
Initial Source Address: County Road 475 West, Switz City, Indiana 47465  
FESOP No.: F055-7414-03293

**This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.**

Please check what document is being certified:

- 9 Deviation Occurrence Reporting Form (For Control Equipment Monitoring)
- 9 Deviation Occurrence Reporting Form (For Material Usage, Quality, Etc.)
- 9 Test Result (specify) \_\_\_\_\_
- 9 Report (specify) \_\_\_\_\_
- 9 Notification (specify) \_\_\_\_\_
- 9 Other (specify) \_\_\_\_\_

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

State Form 47739 (5-96)

# **INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT** **OFFICE OF AIR MANAGEMENT** **COMPLIANCE DATA SECTION**

## **FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)** **DEVIATION OCCURRENCE REPORT** (For Control Equipment Monitoring Only)

Source Name: Rogers Group - Greene County Asphalt  
 Initial Source Address: County Road 475 West, Switz City, Indiana 47465  
 FESOP No.: F055-7414-03293:

A separate copy of this report must be submitted for **each** monitoring device on all control equipment listed in this permit. Attach a signed certification to complete this report.

Stack/Vent ID:	
Control Equipment: (ex: thermal oxidizer, scrubber, baghouses)	
Type of Parameter Monitored: (ex: temperature, pressure drop, efficiency)	
<input checked="" type="checkbox"/> Continuously	<input type="checkbox"/> Periodically, at a frequency of:
Parameter Operating Restrictions/Range: (ex: 1,400°F, 2-4 psi pressure drop)	
Report Covers From: (date: month/day/yr)	To:
<input checked="" type="checkbox"/> No Deviations from the Parameter Restriction/Range Occurred During the Monitoring Period. Complete Records Maintained at the Facility Verify Compliance with this Condition.	
<input type="checkbox"/> Summary of Deviations from the Parameter Restriction/Range During the Monitoring Period are Identified Below. Complete Records Maintained at the Facility.	

	For Parameter Recorded Continuously	For Parameter Recorded Periodically
Total Unit Operating Time		
Total Time of Deviations (Identify All Deviations)		
Percent of Time Indicating Deviations ((2)/[1]x100)		

Date of Deviation	Start/Stop Time of Deviation (Continuous Monitoring Only)	Actual Value Recorded	Reason for Deviation & Corrective Action Taken

State Form 47741 (5-96)

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR MANAGEMENT  
COMPLIANCE DATA SECTION**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
DEVIATION OCCURRENCE REPORT**

Source Name: Cornerstone Paving, Inc.  
Initial Source Address: County Road 475 West, Switz City, Indiana 47465  
FESOP No.: F055-7414-03293

A separate copy of this report must be submitted for **each** material type, quantity usage and operation limitation (except control equipment monitoring) listed in this permit .  
Attach a signed certification to complete this report.

Stack/Vent ID:

Equipment/Operation:

Parameter Subject to Material Type, Quantity Usage or Operation Limitations Specified in the Permit:  
(ex: 2500 lb/day, 300 hours/yr, 5000 gallons/month)

Determination Period for this Parameter:  
(ex: 365-day rolling sum, fixed monthly rate)

**9** Permit Has No Rate Limitations for this Parameter.

Content Restriction for this Parameter:  
(ex: maximum of 40% VOC in inks, 0.5% sulfur content)

Demonstration Method for this Parameter:  
(ex: MSDS, Supplier, material sampling & analysis)

**9** Permit Has No Content Limitations for this Parameter.

Comments:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR MANAGEMENT  
COMPLIANCE DATA SECTION**

**FESOP Quarterly Report**

Source Name: Rogers Group - Greene County Asphalt  
Initial Source Address: County Road 475 West, Switz City, Indiana 47465  
FESOP No.: F055-7414-03293  
Facility: 63.9 million British thermal units burner for the aggregate dryer  
Parameter: sulfur dioxide (SO<sub>2</sub>)  
Limits:

- (a) Total input shall not exceed 2.596 million gallons per twelve (12) consecutive months, based on the sulfur content of 0.49% in the No. 2 fuel oil, and the total for each month shall not exceed the difference between the annual usage limit minus the sum of actual usage from the previous eleven (11) months.
- (b) During the first twelve (12) months of operation under this permit, the input of No. 2 distillate fuel oil shall be limited such that the total input divided by the accumulated months of operation shall not exceed 0.216 million gallons per month.

Month: \_\_\_\_\_ Year: \_\_\_\_\_

Month	Sulfur Content of #2 Oil (%)	Heat Content of #2 Oil (Btu/gallon)	# 2 Oil Usage (mmgal/month)	Total #2 Fuel Oil Usage Last 12 Months (mmgal)

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.  
Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_  
Title/Position: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_